

REMARKS

This application has been carefully reviewed in light of the Office Action dated November 20, 2003. Claims 101 to 128, which have been newly added, are now pending in the application, with Claims 1 to 100 having been canceled. Claims 101, 106, 108, 113, 115, 120, 122 and 127 are the independent claims herein. Reconsideration and further examination are respectfully requested.

Claims 1 to 100 were rejected under 35 U.S.C. § 102(e) over U.S. Patent No. 6,449,055 (Okimoto). Without conceding the propriety of the rejections, all of Claims 1 to 100 have been canceled, thereby obviating the rejections. However, Applicant submits that newly-added Claims 101 to 128 are believed to be allowable over the art of record for at least the reasons set forth below and therefore, reconsideration and withdrawal of the rejections are respectfully requested.

The present invention concerns cancellation of print jobs. According to the invention, in a printer that includes a management channel and a data channel, if a cancel instruction of a print job is detected while transferring print data through a data channel, cancel data is generated to contain a cancel instruction of the print job. The transfer of the cancel data containing the cancel instruction of the print job is then performed through the data channel. As a result, a print job can be canceled more expeditiously than in conventional printers (which use the management channel) because the cancel instruction is transferred via the data channel.

Referring specifically to the claims, newly-added independent Claim 101 is an information processing apparatus which communicates with a printer having a plurality of logical channels including a management channel which receives data for controlling

printing of a job and a data channel which receives print data, comprising a first generating means for generating control data for controlling printing of a job, a transfer control means for controlling transfer of the control data generated by the first generating means through the management channel, and a second generating means for generating cancel data containing a cancel instruction if a cancel instruction of the print job is detected while transferring the print data through the data channel, wherein the transfer control means controls the transfer of the cancel data containing the cancel instruction of the print job generated by the second generating means through the data channel.

Newly-added independent Claim 106 includes features substantially corresponding to Claim 101, but is directed more specifically to a printer. Additionally, Claims 108, 115 and 122 are method, computer-executable process steps, and computer-readable storage medium claims, respectively, that substantially correspond to Claim 101, and Claims 113, 120 and 127 are method, computer-executable process steps, and computer-readable storage medium claims, respectively, that substantially correspond to Claim 106.

The art of record is not seen to disclose or to suggest the features of Claims 101, 106, 108, 113, 115, 120, 122 and 127, and in particular is not seen to disclose or to suggest at least the feature of a second generating means/step for generating cancel data containing a cancel instruction if a cancel instruction of the print job is detected while transferring print data through a data channel, wherein control of transfer of the cancel data containing the cancel instruction of the print job generated by the second generating means/step is performed through the data channel.

Okimoto is merely seen to disclose that, when printing e-mails, the job is

selected from the e-mail transmission history list, and by giving a cancel instruction, cancel mail that has been assigned a plurality of job IDs is transferred. Additionally, in Fig. 11, steps S650 and S670, if printing of the e-mail as assigned above is not conducted, then the job is canceled. Thus, Okimoto merely discloses the use of cancel mail only as a mechanism for cancelling print mail that has already been completely transmitted, rather than cancelling a print job that is in the progress of being transferred. Accordingly, Okimoto is not seen to disclose or to suggest at least the feature of a second generating means/step for generating cancel data containing a cancel instruction if a cancel instruction of the print job is detected while transferring print data through a data channel, wherein control of transfer of the cancel data containing the cancel instruction of the print job generated by the second generating means/step is performed through the data channel.

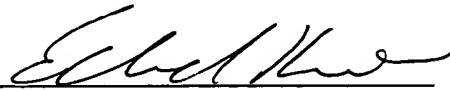
In view of the foregoing amendments and remarks, all of newly-added Claims 101 to 128 are believed to be allowable.

No other matters having been raised, the entire application is believed to be in condition for allowance and such action is respectfully requested at the Examiner's earliest convenience.

As a formal matter, Applicant wishes to point out that an Information Disclosure Statement is being filed concurrently with this Amendment. Differences between the art cited therein and the above features of the present invention are discussed in detail in that IDS.

Applicant's undersigned attorney may be reached in our Costa Mesa,
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Respectfully submitted,



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